

**SYSTEM AND METHOD FOR SECURELY AUTHENTICATING A  
DATA EXCHANGE SESSION WITH AN IMPLANTABLE MEDICAL  
DEVICE**

**Abstract**

5        A system and method for securely authenticating a data exchange session with an implantable medical device is presented. A crypto key uniquely associated with an implantable medical device is defined to authenticate data during a data exchange session. A secure connection is established from an external source with a secure key repository securely maintaining the crypto key.

10      Authorization to access data on the implantable medical device is authenticated by securely retrieving the crypto key from the secure key repository.